

What is claimed is:

1. A dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system wherein a user of the system hires a vehicle for use at a departure port and returns the vehicle at a destination port, and wherein each port has a means to display current fees to users, the method comprising the steps of:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining a base fee for the use of a vehicle when the departure port is at optimum inventory; and
- c) Displaying a fee below the base fee when the number of vehicles at the departure port is above the optimum inventory.

2. A dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system wherein a user of the system hires a vehicle for use at a departure port and returns the vehicle at a destination port, and wherein each port has a means to display current fees to users, the method comprising the steps of:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining a base fee for the use of a vehicle when the departure port is at optimum inventory; and
- c) Displaying a fee above the base fee when the number of vehicles at a departure port is below the optimum inventory.

3. A dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system wherein a user of the system hires a vehicle for use at a departure port and returns the vehicle at a destination port, and wherein each port has a means to display current fees to users, the method comprising the steps of:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining a base fee for the use of a vehicle when the destination port is at optimum inventory; and
- c) Displaying a fee above the base fee when the number of vehicles at a destination port is above the optimum inventory.

4. A dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system wherein a user of the system hires a vehicle for use at a departure port and returns the vehicle at a destination port, and wherein each port has a means to display current fees to users, the method comprising the steps of:

- a) Determining the optimum vehicle inventory at each destination port;

- b) Determining a base fee for the use of a vehicle when the destination port is at optimum inventory; and
- c) Displaying a fee below the base fee when the number of vehicles at a destination port is below the optimum inventory.

5. A dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system wherein a user of the system hires a vehicle for use at a departure port and returns the vehicle at a destination port, and wherein each port has a means to display current fees to users, the method comprising the steps of:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining a base fee for the use of a vehicle when the departure port is at optimum inventory; and
- c) Displaying the base fee when the number of vehicles at the departure port is at optimum inventory.

6. A dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system wherein a user of the system hires a vehicle for use at a departure port and returns the vehicle at a destination port, and wherein each port has a means to display current fees to users, the method comprising the steps of:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining a base fee for the use of a vehicle when the destination port is at optimum inventory; and
- c) Displaying the base fee when the number of vehicles at a destination port is at optimum inventory.

7. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 1 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining the fee for the use of a vehicle in claim 1; and
- c) Displaying a fee above the fee derived in step b) when the number of vehicles at a destination port is above the optimum inventory.

8. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 1 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining the fee for the use of a vehicle in claim 1; and
- c) Displaying a fee below the fee derived in step b) when the number of vehicles at a destination port is below the optimum inventory.

9. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 1 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining the fee for the use of a vehicle in claim 1; and
- c) Displaying the fee derived in step b) when the number of vehicles at a destination port is at optimum inventory.

10. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 2 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining the fee for the use of a vehicle in claim 2; and
- c) Displaying a fee above the fee derived in step b) when the number of vehicles at a destination port is above the optimum inventory.

11. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 2 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining the fee for the use of a vehicle in claim 2; and
- c) Displaying a fee below the fee derived in step b) when the number of vehicles at a destination port is below the optimum inventory.

12. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 2 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining the fee for the use of a vehicle in claim 2; and
- c) Displaying the fee derived in step b) when the number of vehicles at a destination port is at optimum inventory.

13. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 3 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining the fee for the use of a vehicle in claim 3; and
- c) Displaying a fee below the fee derived in step b) when the number of vehicles at a departure port is above the optimum inventory.

14. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 3 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining the fee for the use of a vehicle in claim 3; and
- c) Displaying a fee above the fee derived in step b) when the number of vehicles at a departure port is below the optimum inventory.

15. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 3 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining the fee for the use of a vehicle in claim 3; and
- c) Displaying the fee derived in step b) when the number of vehicles at a departure port is at optimum inventory.

16. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 4 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining the fee for the use of a vehicle in claim 4; and

- c) Displaying a fee below the fee derived in step b) when the number of vehicles at a departure port is above the optimum inventory.

17. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 4 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining the fee for the use of a vehicle in claim 4; and
- c) Displaying a fee above the fee derived in step b) when the number of vehicles at a departure port is below the optimum inventory.

18. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 4 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining the fee for the use of a vehicle in claim 4; and
- c) Displaying the fee derived in step b) when the number of vehicles at a departure port is at optimum inventory.

19. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 5 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining the fee for the use of a vehicle in claim 5; and
- c) Displaying a fee above the fee derived in step b) when the number of vehicles at a destination port is above the optimum inventory.

20. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 5 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining the fee for the use of a vehicle in claim 5; and
- c) Displaying a fee below the fee derived in step b) when the number of vehicles at a destination port is below the optimum inventory.

21. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 5 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each destination port;
- b) Determining the fee for the use of a vehicle in claim 5; and
- c) Displaying the fee derived in step b) when the number of vehicles at a destination port is at optimum inventory.

22. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 6 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining the fee for the use of a vehicle in claim 6; and
- c) Displaying a fee below the fee derived in step b) when the number of vehicles at a departure port is above the optimum inventory.

23. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 6 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining the fee for the use of a vehicle in claim 6; and
- c) Displaying a fee above the fee derived in step b) when the number of vehicles at a departure port is below the optimum inventory.

24. The dynamic fee system usable in a method for the efficient utilization of a vehicle sharing system according to claim 6 wherein the method of determining the fee further comprises:

- a) Determining the optimum vehicle inventory at each departure port;
- b) Determining the fee for the use of a vehicle in claim 6; and
- c) Displaying the fee derived in step b) when the number of vehicles at a departure port is at optimum inventory.